

SEQUENCE LISTING

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<110> Williams, David A.

<120> METHODS FOR ENHANCED RETROVIRAL-MEDIATED GENE TRANSFER

<130> 7037-377

<140> 09/394,867

<141> 1999-09-13

<150> 08/536,891

<151> 1995-09-29

<150> PCT/US95/03817

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<150> 08/218,355

<151> 1994-03-25

<160> 2

<170> PatentIn Ver. 2.1

<210> 1

<211> 271

<212> PRT

<213> Homo sapiens

<400> 1

Ala Ile Pro Ala Pro Thr Asp Leu Lys Phe Thr Gln Val Thr Pro Thr

1 5 10 15

Ser Leu Ser Ala Gln Trp Thr Pro Pro Asn Val Gln Leu Thr Gly Tyr

20 25 30

Arg Val Arg Val Thr Pro Lys Glu Lys Thr Gly Pro Met Lys Glu Ile

35 40 45

Asn Leu Ala Pro Asp Ser Ser Ser Val Val Val Ser Gly Leu Met Val

50 55 60

Ala Thr Lys Tyr Glu Val Ser Val Tyr Ala Leu Lys Asp Thr Leu Thr

65 70 75 80

Ser Arg Pro Ala Gln Gly Val Val Thr Thr Leu Glu Asn Val Ser Pro

85 90 95



Pro Arg Arg Ala Arg Val Thr Asp Ala Thr Glu Thr Thr Ile Thr Ile
100 105 110

Ser Trp Arg Thr Lys Thr Glu Thr Ile Thr Gly Phe Gln Val Asp Ala
115 120 125

Val Pro Ala Asn Gly Gln Thr Pro Ile Gln Arg Thr Ile Lys Pro Asp
130 135 140

Val Arg Ser Tyr Thr Ile Thr Gly Leu Gln Pro Gly Thr Asp Tyr Lys
145 150 155 160

Ile Tyr Leu Tyr Thr Leu Asn Asp Asn Ala Arg Ser Ser Pro Val Val
165 170 175

Ile Asp Ala Ser Thr Ala Ile Asp Ala Pro Ser Asn Leu Arg Phe Leu
180 185 190

Ala Thr Thr Pro Asn Ser Leu Leu Val Ser Trp Gln Pro Pro Arg Ala
195 200 205

Arg Ile Thr Gly Tyr Ile Ile Lys Tyr Glu Lys Pro Gly Ser Pro Pro
210 215 220

Arg Glu Val Val Pro Arg Pro Arg Pro Gly Val Thr Glu Ala Thr Ile
225 230 235 240

Thr Gly Leu Glu Pro Gly Thr Glu Tyr Thr Ile Tyr Val Ile Ala Leu
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Lys Asn Asn Gln Lys Ser Glu Pro Leu Ile Gly Arg Lys Lys Thr
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<212> PRT

<213> Homo sapiens

<400> 2

Asp Glu Leu Pro Gln Leu Val Thr Leu Pro His Pro Asn Leu His Gly
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Pro Glu Ile Leu Asp Val Pro Ser Thr
20 25